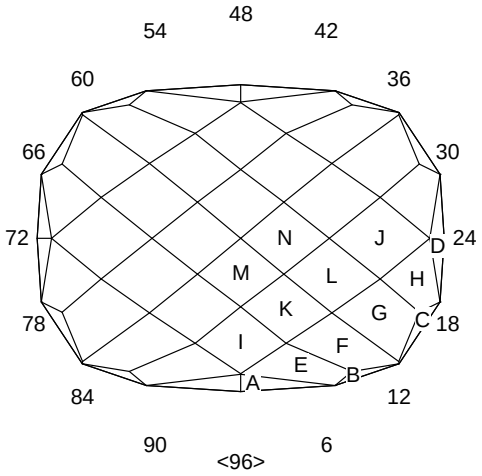
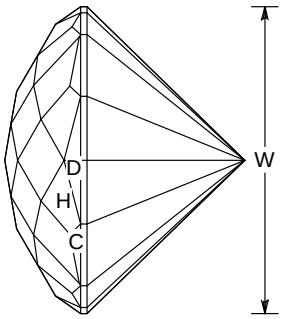
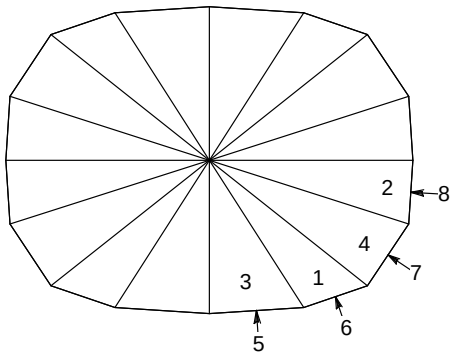
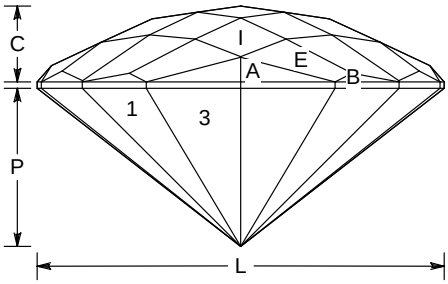






Diamond Checker Cushion 133

By: Henk Prins 13/02/2018
Angles for R.I. = 1.540
64 + 16 girdles = 80 facets
2-fold, mirror-image symmetry
96 index
L/W = 1.329
P/W = 0.514 C/W = 0.247
Vol./W³ = 0.361



PAVILION

1	42.90°	05-43-53-91	Cut to PCP
2	37.80°	23-25-71-73	Cut to PCP
3	45.87°	01-47-49-95	Cut to PCP
4	38.06°	15-33-63-81	Cut to PCP
5	90.00°	01-47-49-95	Establish width
6	90.00°	05-43-53-91	Level girdle
7	90.00°	15-33-63-81	Level girdle
8	90.00°	23-25-71-73	Level girdle

CROWN

A	55.07°	01-47-49-95	Establish girdle width
B	48.49°	05-43-53-91	Level girdle
C	42.76°	15-33-63-81	Level girdle
D	48.40°	23-25-71-73	Level girdle
E	40.11°	03-45-51-93	Meet A- B at girdle
F	32.14°	07-41-55-89	Meet B- C at girdle
G	29.17°	13-35-61-83	Meet B- C- F at girdle
H	31.70°	20-28-68-76	Meet C- D at girdle
I	30.13°	96-48	Meet E- A- A- E
J	24.94°	24-72	Meet H- D- D- H
K	22.45°	06-42-54-90	Meet I- E- F
L	20.00°	15-33-63-81	Meet G- H- J
M	9.77°	96-48	Meet K-I- K
N	8.16°	24-72	Meet L- J- L

C:\Users\henks\Dropbox\Gemology on line\Diamond Checker Cushion.gem